

COVERAGE NAME: CON500GN

COVERAGE AREA: Statewide

COVERAGE DESCRIPTION:

CON500GN is a derivative product from CON500. CON500GN also contains elevation range polygons at 500 foot intervals, but it has been weeded to remove the extreme angular stair-stepping in the linework of CON500. This stair-stepping is a byproduct of using a raster data source to create them. In addition to the weeding, dangles were deleted, the arcs were unsplit to remove thousands of unnecessary nodes and the coverage was copied to single precision. The result is a more aesthetically pleasing presentation, a much smaller data volume and much faster screen draws.

VITAL STATISTICS:

Datum:	NAD83 (spheroid: Clarke 1866)
Projection:	Albers
Units:	Meters
1st Std. Parallel:	34 00 00 (34.0 degrees N)
2nd Std. Parallel:	40 30 00 (40.5 degrees N)
Longitude of Origin:	-120 00 00 (120.0 degrees W)
Latitude of Origin:	00 00 00 (0.0 degrees)
False Easting (x shift):	0
False Northing (Y shift):	-4000000
Source:	USGS 1 arc-second DEMs
Source Media:	N/A
Data Scale:	1:250,000
Data Resolution:	90 meters
Source Ground Unit:	Degree Seconds
Source Z Unit:	Meters
Capture Method:	Various
Source Accuracy:	Because elevation postings model a surface and do not represent specific features, horizontal accuracy is difficult to measure and is not stated by the USGS 7 meters is the desired vertical.
Conversion Software:	ARC/INFO Rev 7.2.1
Data Structure:	Vector
ARC/INFO Coverage Type:	Polygon
ARC/INFO Precision:	Single
ARC/INFO Tolerances:	Not applicable
Number of Features:	32,581
Layer Size:	63 MB
Processing platform:	HP NT
Data Completed:	December 1999
Data Updated:	November 2000

DATA DICTIONARY:

File name: CON500GN.PAT

Record length: 28

NOTE: Items common to all point coverages: AREA, PERIMETER, <coverage>#, and <coverage>-ID are not described here.

ITEM DESCRIPTIONS:

COLUMN	ITEM NAME	WIDTH	OUTPUT	TYPE	N.DEC
25	RANGE-CODE	4	5	B	-

RANGE-CODE: Data Ranges

- 1 0 < range <= 152.4 meters (500 feet)
- 2 152.4 < range <= 304.8 meters (1000 feet)
- 3 304.8 < range <= 457.2 meters (1500 feet)
- 4 457.2 < range <= 609.6 meters (2000 feet)
- 5 609.6 < range <= 762.0 meters (2500 feet)
- 6 762.0 < range <= 914.4 meters (3000 feet)
- 7 914.4 < range <= 1066.8 meters (3500 feet)
- 8 1066.8 < range <= 1219.2 meters (4000 feet)
- 9 1219.2 < range <= 1371.6 meters (4500 feet)
- 10 1371.6 < range <= 1524.0 meters (5000 feet)
- 11 1524.0 < range <= 1676.4 meters (5500 feet)
- 12 1676.4 < range <= 1878.8 meters (6000 feet)
- 13 1878.8 < range <= 1981.2 meters (6500 feet)
- 14 1981.2 < range <= 2133.6 meters (7000 feet)
- 15 2133.6 < range <= 2286.0 meters (7500 feet)
- 16 2286.0 < range <= 2438.4 meters (8000 feet)
- 17 2438.4 < range <= 2590.8 meters (8500 feet)
- 18 2590.8 < range <= 2743.2 meters (9000 feet)
- 19 2743.2 < range <= 2895.6 meters (9500 feet)
- 20 2895.6 < range <= 3048.0 meters (10000 feet)
- 21 3048.0 < range <= 3200.4 meters (10500 feet)
- 22 3200.4 < range <= 3352.8 meters (11000 feet)
- 23 3352.8 < range <= 3505.2 meters (11500 feet)
- 24 3505.2 < range <= 3657.6 meters (12000 feet)
- 25 3657.6 < range <= 3810.0 meters (12500 feet)
- 26 3810.0 < range <= 3962.4 meters (13000 feet)
- 27 3962.4 < range <= 4114.8 meters (13500 feet)
- 28 4114.8 < range <= 4267.2 meters (14000 feet)
- 29 4267.2 < range <= 4419.6 meters (14500 feet)
- 30 4419.6 < range <= 4572.0 meters (15000 feet)

DATA QUALITY ASSESSMENT:

The following are subjective comments regarding this data.

Due the weeding process, planimetric shifts in the linework from the original CON500 are visible. However, given the generalized, abstract nature of contour lines this should not impact the utility of the data.

DATA CONTACT: